



INTERNATIONAL CONFERENCE
ON DIGITAL BUSINESS
MANAGEMENT
AND ECONOMICS

CYBER SECURITY DEVELOPMENTS AND CYBERTHREATS FOR THE GLOBAL
ECONOMY

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ABSTRACT

The disappearance of the boundaries between Industry 4.0 and the real and virtual world, in addition to the advantages it provides in the field of high technology, has also become one of the topics studied recently. Because the concept of digital crime is an integral part of technology. Our increasingly digitalized world, depending on technological developments, also allows illegal activities, which are defined as crimes, to take place. Especially with the increasing use of computers and internet, the concept of technology is changing very rapidly and it has become one of the main goals of everyone to benefit from its increasing benefits. As people see the benefits of information technologies, they have started to use it more and the world has moved to the information age in a sense.

In addition to the advantages that informatics provides in general, it is a fact that it also brings with it some security-based and user-related problems. Digital crime as a field of study; It is possible to say that it focuses on unauthorized access to a computer or digital system and changes or corruption against computer data / systems. There are no borders in cyberspace thus threats and attacks can come from any location at any time. Malicious domain, ransomware, data-harvesting malware, botnets, crypto jacking and the Darknet are some of them.

Law enforcements globally must keep pace with technological developments and have the required expertise and skills to deal with evolving digital crime at the national, regional and international levels. Global cybercrime costs to grow by 15 percent per year over the next five years, reaching \$10.5 trillion USD annually by 2025, up from \$3 trillion USD in 2015.

Keywords: Digital society, cyber security, cyberthreat, cybercrime.

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